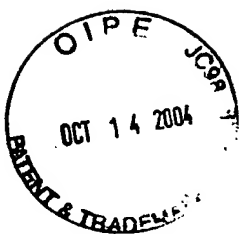


epw

612.39353X00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: S. BALAVEN, et al.

Serial No: 09/727,452

Filed: December 4, 2000

Title: METHOD OF GENERATING A GRID ON A
HETEROGENEOUS FORMATION CROSSED BY ONE OR
MORE GEOMETRIC DISCONTINUITIES IN ORDER TO
CARRY OUT SIMULATIONS

Group: 2121

Examiner: Michael B. Holmes

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 14, 2004

Sir:

In response to the first Office Action of July 14, 2004, please amend
the above-identified application as listed below and as set forth on the
following pages:

Amendments to the Specification and Abstract

Amendments to the Claims

Remarks are included following the amendments